

Detailed Facility Report

Facility Summary

CALPINE NEWARK LLC
35 BLANCHARD ST., NEWARK, NJ 07105

FRS (Facility Registry Service) ID:

110008054185

EPA Region: 02

Latitude: 40.736303

Longitude: -74.129281

Locational Data Source: FRS

Industry:

Indian Country: N

Enforcement and Compliance Summary

Statute	Insp (5 Years)	Date of Last Inspection	Compliance Status	Qtrs with NC (Noncompliance) (of 12)	Qtrs with Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
CAA	--	02/28/2012	No Violation Identified	0	0	--	--	--	--	--
RCRA	--	10/06/2009	No Violation Identified	0	0	--	--	--	--	--

Regulatory Information

Clean Air Act (CAA):
Permanently Closed Major
(NJ0000003401307731)
Clean Water Act (CWA): No
Information
Resource Conservation and
Recovery Act (RCRA):
Inactive Other
(NJD986610624)
Safe Drinking Water Act
(SDWA): No Information

Known Data Problems

Other Regulatory Reports

Air Emissions Inventory (EIS): 7200911
Greenhouse Gas Emissions (eGGRT):
1000055
Toxic Releases (TRI):
07105CLPNN35BLA
Compliance and Emissions Data Reporting
Interface (CEDRI): No Information

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110008054185					N	40.736303	-74.129281
ICIS-Air	CAA	NJ0000003401307731	Major Emissions	Permanently Closed			N	40.736303	-74.129281
CAMDBS	CAA	50797		INACTIVE			N		
EIS	CAA	7200911					N	40.7381	-74.1266
GHGRP	CAA	1000055		No Longer Subject			N		
TRI	EP313	07105CLPNN35BLA	Toxics Release Inventory	Last Reported for 2004			N	40.736303	-74.129281
RCRAInfo	RCRA	NJD986610624	Other	Inactive ()			N	40.736134	-74.128566

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		11008054185	CALPINE NEWARK LLC	35 BLANCHARD ST., NEWARK, NJ 07105	Essex County
ICIS-Air	CAA	NJ0000003401307731	CALPINE NEWARK LLC.	35 BLANCHARD STREET, NEWARK, NJ 07105	Essex County
CAMDBS	CAA	50797	NEWARK POWER PLANT	NJ	Essex County
EIS	CAA	7200911	CALPINE NEWARK LLC	35 BLANCHARD ST, NEWARK, NJ 07105	Essex County
GHGRP	CAA	1000055	CALPINE NEWARK	35 BLANCHARD ST., NEWARK, NJ 07105	
TRI	EP313	07105CLPNN35BLA	CALPINE NEWARK LLC	35 BLANCHARD ST, NEWARK, NJ 07105	Essex County
RCRAInfo	RCRA	NJD986610624	NEWARK ENERGY CTR (CALPINE NEWARK, LLC)	35 BLANCHARD ST, NEWARK, NJ 07105	Essex County

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
TRI	07105CLPNN35BLA	4931	Electric And Other Services Combined
ICIS-Air	NJ0000003401307731	4931	Electric And Other Services Combined

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
TRI	07105CLPNN35BLA	221119	Other Electric Power Generation
GHGRP	1000055	221112	Fossil Fuel Electric Power Generation
CAMDBS	50797	221112	Fossil Fuel Electric Power Generation
EIS	7200911	221112	Fossil Fuel Electric Power Generation
ICIS-Air	NJ0000003401307731	221119	Other Electric Power Generation
RCRAInfo	NJD986610624	221112	Fossil Fuel Electric Power Generation

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned							

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CAA	NJ0000003401307731	No	07/17/2021	0	07/16/2021
RCRA	NJD986610624	No	07/17/2021	0	07/16/2021

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
CAA (Source ID: NJ0000003401307731)		10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	HPV History												
	Violation Type	Agency	Programs	Pollutants									

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: NJD986610624)		10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

Statute	System	Law/Section	Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Cost	Comp Action Cost
No data records returned															

Environmental Conditions

Watershed(s)

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
No data records returned						

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
-------	--------------	--------------------	----------------------	-----------------	-----------------------	--------------------	--------------	----------------------	----------------	-----------

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
No data records returned										

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Ozone	Yes	1-Hour Ozone (1979); 8-Hour Ozone (2008); 8-Hour Ozone (2015)	No	
Lead	No		No	
Particulate Matter	No		Yes	PM-2.5 (1997); PM-2.5 (2006)
Carbon Monoxide	No		Yes	Carbon Monoxide (1971)
Sulfur Dioxide	No		No	

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers
No data records returned								

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name
No data records returned

Community

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is

located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJSCREEN home page](#).

Census Block Group EJ Indexes (percentile)	
Particulate Matter (PM 2.5)	77.3
Ozone	76.1
NATA Diesel PM	88.3
NATA Air Toxics Cancer Risk	78.8
NATA Respiratory Hazard Index (HI)	80.2
Traffic Proximity	80.1
Lead Paint Indicator	89.9
National Priority List (NPL) Site Proximity	99.8
Risk Management Plan (RMP) Site Proximity	98.9
Hazardous Waste Proximity	95.3
Wastewater Discharge Proximity	94.8

Number of EJ Indexes Above 80th Percentile
8

[View EJSCREEN Report](#)

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2014 - 2018 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA’s spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics	
Total Persons (U.S. Census)	202,020
Population Density	8,244/sq.mi.
Percent Minority	72%
Households in Area	71,429
Housing Units in Area	75,184
Total Persons (ACS (American Community Survey))	213,057

Age Breakdown - Persons (%)	
Children 5 years and younger	13,523 (7%)
Minors 17 years and younger	43,423 (21%)
Adults 18 years and older	158,597 (79%)
Seniors 65 years and older	18,117 (9%)

Race Breakdown - Persons (%)	
White	95,073 (47%)

General Statistics	
Households on Public Assistance	3,672
Persons With Low Income	83,941
Percent With Low Income	42%
Geography	
Radius of Selected Area	3 mi.
Center Latitude	40.736303
Center Longitude	-74.129281
Land Area	87%
Water Area	13%
Income Breakdown - Households (%)	
Less than \$15,000	10,377 (14.53%)
\$15,000 - \$25,000	8,126 (11.38%)
\$25,000 - \$50,000	16,789 (23.5%)
\$50,000 - \$75,000	12,354 (17.29%)
Greater than \$75,000	23,788 (33.3%)

Race Breakdown - Persons (%)	
African-American	43,314 (21%)
Hispanic-Origin	77,890 (39%)
Asian/Pacific Islander	19,512 (10%)
American Indian	1,168 (1%)
Other/Multiracial	42,955 (21%)
Education Level (Persons 25 & older) - Persons (%)	
Less than 9th Grade	19,255 (13.29%)
9th through 12th Grade	13,462 (9.29%)
High School Diploma	46,847 (32.34%)
Some College/2-year	28,884 (19.94%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	36,425 (25.14%)